

S/N 09/380,447

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                   |  |                 |               |
|-------------------|--|-----------------|---------------|
| Applicant:        | SIDHU ET AL.   | Examiner:       | M. TRAN       |
| Serial No.:       | 09/380,447   | Group Art Unit: | 1639          |
| Filed:            | SEPTEMBER 1, 1999  | Docket No.:     | 11669.141USWO |
| Confirmation No.: | 2633   | Customer No.:   | 23552         |
| Title:            | TRANSFORMATION EFFICIENCY IN PHAGE DISPLAY<br>THROUGH MODIFICATION OF A COAT PROTEIN |                 |               |

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV372667582US

Date of Deposit: February 26, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:

*Teresa Anderson*

Name: Teresa Anderson

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c))**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted after the mailing date of a first Office Action on-the-merits or a first Office Action after filing a Request for Continued Examination under 37 C.F.R. § 1.114 or a CPA under 37 C.F.R. § 1.53(d), but before the mailing date of: i) a final action under 37 C.F.R. § 1.113; ii) a Notice of Allowance under 37 C.F.R. § 1.311; or iii) an action that otherwise closes prosecution on the application. Enclosed is a check in the amount of \$180.00 under 37 C.F.R. § 1.17(p) for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. § 1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date:

February 26, 2004

Katherine M. Kowalchuk  
Katherine M. Kowalchuk  
Reg. No. 36,848  
KMK:sab

**23552**

PATENT TRADEMARK OFFICE

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| <b>FORM 1449*</b><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary) | Docket Number:<br>11669.141USWO | Application Number:<br>09/380,447 |
|   | Applicant: SIDHU ET AL.         |                                   |
|   | Filing Date: 09/01/1999         | Group Art Unit: 1639              |

| U.S. PATENT DOCUMENTS |              |            |                |       |          |                            |
|-----------------------|--------------|------------|----------------|-------|----------|----------------------------|
| EXAMINER INITIAL      | DOCUMENT NO. | DATE       | NAME           | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|                       | 6,054,312    | 04/25/2000 | Larocca et al. |       |          |                            |
|                       | 6,190,908 B1 | 02/20/2001 | Kang           |       |          |                            |
|                       |              |            |                |       |          |                            |
|                       |              |            |                |       |          |                            |

  

| FOREIGN PATENT DOCUMENTS |              |      |         |       |          |             |    |
|--------------------------|--------------|------|---------|-------|----------|-------------|----|
|                          | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|                          |              |      |         |       |          | YES         | NO |
|                          |              |      |         |       |          |             |    |
|                          |              |      |         |       |          |             |    |

  

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |  |   |
|--|--|---|
|  |  | Cason, J. et al., "Identification of Immunogenic Regions of the Major Coat Protein of Human Papillomavirus Type 16 that Contain Type-restricted Epitopes," <i>Journal of General Virology</i> , Vol. 70, Part 11, pp. 2973-2987 (November 1989)                               |
|  |  | Hasan, N. et al., "Boundaries of the nutL antiterminator of coliphage lambda and effects of mutations in the spacer region between boxA and boxB," <i>Gene</i> , Vol. 50, Nos. 1-3, pp. 87-96 (1986)  |
|  |  | Muller, N. et al., "Application of a recombinant <i>Echinococcus multilocularis</i> antigen in an enzyme-linked immunosorbent assay for immunodiagnosis of human alveolar echinococcosis," <i>Molecular and Biochemical Parasitology</i> , Vol. 36, No. 1, pp. 151-159 (1989) |
|  |  | Rosenberg, A. et al., "Vectors for selective expression of cloned DNAs by T7 RNA polymerase," <i>Gene</i> , Vol. 56, pp. 125-135 (1987)   |
|  |  | Rudolph, S. et al., "Prokaryotic expression of the major capsid protein of human cytomegalovirus and antigenic cross-reactions with herpes simplex virus type 1," <i>Journal of General Virology</i> , Vol. 71, Part 9, pp. 2023-2031 (September 1990)                        |
|  |  | Spencer, J. et al., "Structure of the Herpes Simplex Virus Capsid: Peptide A862-H880 of the Major Capsid Protein Is Displayed on the Rim of the Capsomer Protrusions," <i>Virology</i> , Vol. 228, No. 2, pp. 229-235 (February 17, 1997)                                     |
|  |  | Vogel, M. et al, "Production of a recombinant antigen of <i>Echinococcus multilocularis</i> with high immunodiagnostic sensitivity and specificity," <i>Molecular and Biochemical Parasitology</i> , Vol. 31, pp. 117-125 (1988)  |
|  |  | Walker, S. et al., "ToxR (RegA)-mediated in vitro transcription of <i>Pseudomonas aeruginosa toxA</i> ," <i>Gene</i> , Vol. 150, pp. 87-92 (1994)   |

|   |   |                 |
|---|---|-----------------|
| <b>23552</b><br>PATENT TRADEMARK OFFICE |   | DATE CONSIDERED |
|   | EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |                 |